

statement of any corrective action taken.

(3) Power.

(4) Types of emission.

(5) Chronological record of experimentation conducted.

(6) The name of the operator on duty.

(b) For all stations, when service or maintenance duties are performed which may affect their proper operation, the responsible operator shall sign and date an entry in the station record concerned, giving:

(1) Pertinent details of all duties performed by the operator or under the operator's supervision; and

(2) The operator's name and address.

(c) For stations whose antenna structure is required to be illuminated, a record in accordance with the requirements of § 17.49 of this chapter.

[28 FR 12506, Nov. 22, 1963, as amended at 34 FR 3802, Mar. 5, 1969; 35 FR 5618, Apr. 7, 1970; 48 FR 52737 and 52738, Nov. 22, 1983]

§ 5.164 Form of station records.

(a) The records shall be kept in an orderly manner, in suitable form, and in such detail that the data required are readily available. Key letters or abbreviations may be used if proper meaning or explanation is set forth in the record.

(b) Each entry in the record shall be signed by a person having actual knowledge of the facts to be recorded.

(c) No record or portion thereof shall be erased, obliterated, or willfully destroyed within the required retention period. Any necessary correction may be made only by the persons originating the entry, who shall strike out the erroneous portion, initial the correction made, and indicate the date of correction.

(d) A copy of this part shall be maintained in the records of each fixed or land station licensed under this part.

§ 5.165 Retention of station records.

Records required to be kept by this part shall be retained by the licensee for a period of at least one year.

§ 5.166 Adherence to program of research.

(a) The program of experimentation as stated by an applicant in its application for construction permit or license

or in the station instrument of authorization, shall be substantially adhered to unless the licensee is authorized to do otherwise by the Commission.

(b) Where some phases of the experimental program are not covered by the general rules of the Commission or by the rules of this part, the Commission may specify supplemental or additional requirements or conditions in each case as deemed necessary in the public interest, convenience, or necessity.

Subpart E—Experimental Authorizations

SOURCE: 48 FR 52738, Nov. 22, 1983, unless otherwise noted.

§ 5.201 Eligibility of license.

(a) Authorizations for stations in the Experimental Radio Service will be issued only to persons qualified to conduct experimentations utilizing hertzian waves for scientific or technical operation data directly related to a use of radio not provided by existing rules; for communications in connection with research projects when existing communication facilities are inadequate.

(b) Applicants eligible for authorizations in an established service, and seeking to develop operational data or techniques directed toward the improvement or extension of that service shall file applications and conduct such projects under the developmental rules of the established service.

§ 5.202 Scope of service.

Stations operating in the Experimental Radio Service will be permitted to conduct the following type of operations:

(a) Experimentations in scientific or technical radio research.

(b) Experimentations under contractual agreement with the United States Government, or for export purposes.

(c) Communications essential to a research project.

(d) Technical demonstrations of equipment or techniques.

(e) Field strength surveys by persons not eligible for authorization in any other service.

(f) Demonstration of equipment to prospective purchasers for proposed stations in existing services by persons

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engaged in the business of selling radio equipment.

(g) Testing of equipment in connection with production or type approval of such equipment.

(h) Development of radio technique, equipment or engineering data not relating to an existing or proposed service, including field or factory testing or calibration of equipment.

(i) Development of radio technique, equipment, operational data or engineering data related to an existing or proposed radio service.

(j) Limited market studies.

(k) Other types of experiments that are not specifically covered under paragraphs (a) through (j) of this section will be considered.

§ 5.203 Frequencies for the Experimental Radio Service.

Stations operating in the Experimental Radio Service may be authorized to use any government or non-government frequency designated in the Table of Frequency Allocations set forth in part 2 of this chapter as available for assignment to this service. Provided that the need for the specific frequency(ies) requested is fully justified by the applicant.¹

§ 5.204 Experimental report.

(a) Unless specifically stated as a condition of the authorization, licensees are not required to file a report on the results of the experimental program carried on under this subpart.

(b) The Commission may, as a condition of authorization, request the licensee to forward periodic reports in order to evaluate the progress of the experimental program.

(c) An applicant may request that the commission withhold from the public certain reports and associated ma-

terial and the Commission will withhold the same unless the public interest requires otherwise.

§ 5.205 Frequencies for field strength surveys or equipment demonstrations.

(a) Authorizations issued under § 5.202 (e) and (f) will normally not have specific frequencies designated in a station license. Prior to the commencement of a survey or demonstration, the licensee will request a specific frequency assignment and submit the following information:

(1) Time, date and duration of survey.

(2) Frequency to be used.

(3) Location of transmitter and geographical area to be covered.

(4) Purpose of survey.

(5) Method and equipment to be used.

(6) Names and addresses of persons for whom the survey is conducted.

(b) Upon receipt of authority from the Commission to conduct a particular survey, the licensee shall furnish the Engineer-in-Charge of the radio district in which the survey is to be conducted, sufficiently in advance to assure receipt before commencement thereof, the following information: Time, date, duration, frequency, location of transmitter, area to be covered, and purpose of survey.

§ 5.206 Limited market studies.

Unless otherwise stated in the instrument of authorization, licenses granted for the purpose of limited market studies pursuant to § 5.202(j) are subject to the following conditions:

(a) All transmitting and/or receiving equipment used in the study shall be owned by the licensee.

(b) The licensee is responsible for informing anyone participating in the experiment that the service or device is granted under an experimental authorization and is strictly temporary.

(c) The size and scope of the market study may be subject to limitations on a case-by-case basis as the Commission shall determine.

¹Notwithstanding the broad frequency provision for this Service, applicants desiring authorization for the purpose of wildlife or ocean buoy telemetering and/or tracking should, to the extent practicable, use frequencies in the bands 40.66-40.70 MHz or 216-220 MHz, in accordance with footnote US210 to the Table of Frequency Allocations, § 2.106 of this chapter. Transmitters to be used in these bands for this purpose shall comply with the requirements set forth in § 5.108 of this part.